

12-15-00

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PTO/SB/05 (08/00)

Please type a plus sign (+) inside the box → ☒Applicable for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|------------------------|--------------------------------|
| Attorney Docket No. | 061607-1360 |
| First Inventor | Betts |
| Title | DISCRETE MULTITONE INTERLEAVER |
| Express Mail Label No. | EL492180899US |

APPLICATION ELEMENTS

See MPEP Chapter 600 concerning utility patent application contents

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231☐ **APPLICANT REQUESTS EARLY PUBLICATION UNDER 37 CFR 1.219 (additional fee)**

| | |
|---|---|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing) | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) |
| 2. <input type="checkbox"/> Applicant claims small entity status. | 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) |
| 3. <input checked="" type="checkbox"/> Specification (preferred arrangement set forth below) [Total Pages 34] | a. <input type="checkbox"/> Computer Readable Copy (CRF) |
| <ul style="list-style-type: none"> - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed. Sponsored R&D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure | b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 10] | c. <input type="checkbox"/> Statements verifying identity of above copies |
| 5. Oath or Declaration [Total Pages 2] | |
| a. <input checked="" type="checkbox"/> Newly Executed (original or copy) | |
| b. <input type="checkbox"/> Copy from a prior application (37 CFR §1.63(d)) (for continuation/divisional with Box 17 completed) | |
| i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | |
| 6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | |
| Assignee Name and Address (if applicable) Paradyne Corporation 8545 126th Avenue, North Largo, FL 33773 | |

ACCOMPANYING APPLICATION PARTS

| | |
|---|---|
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & Documents(s)) | |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) | <input type="checkbox"/> Power of Attorney |
| 11. <input type="checkbox"/> English Translation Document (if applicable) | |
| 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 | <input checked="" type="checkbox"/> Copies of IDS Citations |
| 13. <input type="checkbox"/> Preliminary Amendment | |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) | |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) | |
| 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. | |
| 17. <input type="checkbox"/> Other: | |

18. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: /
Prior application information: Examiner**Group / Art Unit:**

For CONTINUATION OR DIVISIONAL APPS only: the entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

24504

(Insert Customer No. or Attach bar code label here)



Correspondence address below

| | | | |
|---------|--|-----------|---------------------|
| NAME | Scott A. Horstemeyer Thomas, Kayden, Horstemeyer & Risley, L.L.P. | | |
| ADDRESS | 100 Galleria Parkway Suite 1750 | | |
| CITY | Atlanta | STATE | Georgia |
| COUNTRY | U.S.A. | TELEPHONE | 770-933-9500 |
| | | ZIP CODE | 30339-5948 |
| | | FAX | 770-951-0931 |

| | | | |
|-------------------|-----------------------------|-----------------------------------|-----------------|
| Name (Print/Type) | Scott A. Horstemeyer | Registration No. (Attorney/Agent) | 34,183 |
| Signature | <i>Scott A. Horstemeyer</i> | Date | 12/14/00 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL
for FY 2000**

Patent fees are subject to annual revision.

Complete If Known

| | |
|----------------------|----------------|
| Application Number | To Be Assigned |
| Filing Date | Herewith |
| First Named Inventor | Betts |
| Examiner Name | To Be Assigned |
| Group / Art Unit | To Be Assigned |
| Attorney Docket No. | 061607-1360 |

TOTAL AMOUNT OF PAYMENT (\$)**1,994.00****METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge to the following Deposit Account,

Deposit Account Number

16-0255

Deposit Account Name

Paradyne Corporation's

- ☐ Charge all indicated fees and any additional fee required or credit any overpayment.
- ☒ Charge any additional fee required and requested to credit any overpayment.

☐ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:**

☐

Check

☐

Money Order

☐

Credit Card

FEE CALCULATION**1. BASIC FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101 | 710 | 201 | 355 | Utility filing fee | \$710 |
| 106 | 320 | 206 | 160 | Design filing fee | \$ |
| 107 | 490 | 207 | 245 | Plant filing fee | \$ |
| 108 | 710 | 208 | 355 | Reissue filing fee | \$ |
| 114 | 150 | 214 | 75 | Provisional filing fee | \$ |

SUBTOTAL (1) (\$)**710****2. EXTRA CLAIM FEES**

| | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|------------------|
| Total Claims | 48 | -20** = 28 | 18.00 x 28 = 504 |
| Independent Claims | 9 | -3** = 6 | 80.00 x 6 = 480 |
| Multiple Dependent | | | 270.00 = |

**or number previously paid, if greater; For Reissue, see below

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description |
|----------------|-----------------|----------------|-----------------|---|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 80 | 202 | 40 | Independent Claims in excess of 3 |
| 104 | 270 | 204 | 135 | Multiple dependent claims in excess of 3 |
| 109 | 80 | 209 | 40 | **Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$)**984****FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|---|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 390 | 216 | 195 | Extension of time within second month | |
| 117 | 890 | 217 | 445 | Extension of time within third month | |
| 118 | 1,390 | 218 | 695 | Extension of time within fourth month | |
| 128 | 1,890 | 228 | 945 | Extension of time within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | |
| 143 | 440 | 243 | 220 | Design issue fee | |
| 144 | 600 | 244 | 300 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt. | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (time number of properties) | |
| 146 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

Publication Fee

300.00

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

300**SUBMITTED BY**

Typed or Printed Name

Scott A. Horstemeyer

Signature

Date

12/14/00

Deposit Account User ID

Complete (if applicable)

Reg. Number

34,183

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Betts

For: **DISCRETE MULTITONE INTERLEAVER**

CERTIFICATE OF EXPRESS MAIL

Assistant Commissioner for Patents
BOX: Patent Applications
Washington, D.C. 20231



Sir:

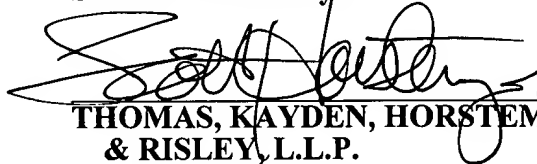
Enclosed for filing in the above case are the following documents:

Return Postcard
Utility Patent Application Transmittal Page
Fee Transmittal Page
Utility Patent Application Consisting Of:
24 Pages of Specification
9 Pages of Claims
1 Page of Abstract
10 Pages of Formal Drawings
Executed Declaration For Patent Application (2 Pages)
Patent Application Data Entry Form
Information Disclosure Statement
Form PTO-1449
Cited Prior Art (A through F)
Charge Deposit Account 16-0255 in the amount of \$1,994.00

Further, the Commissioner is authorized to charge Deposit Account No. 16-0255 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 16-0255.

Respectfully submitted,

Scott A. Horstemeyer


THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.
100 Galleria Parkway, N.W.
Suite 1750
Atlanta, Georgia 30339-5948

Our Docket No: **061607-1360**

I hereby certify that all correspondences listed above are being deposited for delivery to the above addressee, with the United States Postal Service "**EXPRESS MAIL POST OFFICE TO ADDRESSEE**" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee" Package # **EL492180854US**.

Date: 12/14/00


Marianne Boland